

019958

Calculation of the cross sectional areas within phase A

only above 3490 on 121

Location data				Volume Data				cut off = 6		Pb + Zn
# OF DDH ON SECTION	DDH	SECTION	BENCH	NW STRIKE LENGTH	SE STRIKE LENGTH	BENCH HEIGHT	BENCH LENGTH	X-SECTION AREA	area over c/o	
1	66.52	118.000	3510	70.5	70.5	20.0	178.0	3560	3560	12.85
1	66.52	118.000	3490	70.5	70.5	20.0	193.0	3860	3860	14.3
1	66.52	118.000	3470	70.5	70.5	20.0	173.0	3460	3460	15.07
1	66.52	118.000	3450	70.5	70.5	20.0	135.0	2700	2700	16.4
2	80.01	118.000	3510	50.0	70.5	20.0	144.0	2880	2880	10.78
2	80.01	118.000	3490	45.0	70.5	20.0	145.0	2900	2900	12.01
2	80.01	118.000	3470	40.0	70.5	20.0	145.0	2900	0	3.78
2	80.01	118.000	3450	40.0	70.5	20.0	148.0	2960	2960	7.19
2	80.01	118.000	3430	35.0	70.5	20.0	100.0	2000	2000	12.81
3	66.03	118.000	3530	35.0	70.5	20.0	85.0	1700	1700	12.06
3	66.03	118.000	3510	34.0	70.5	20.0	85.0	1700	1700	11.54
3	66.03	118.000	3490	32.0	70.5	20.0	85.0	1700	0	2.84
3	66.03	118.000	3470	30.0	70.5	20.0	85.0	1700	1700	9.52
3	66.03	118.000	3450	26.0	70.5	20.0	53.0	1060	1060	6.29
4	84.06	118.000	3550	45.0	70.5	20.0	129.0	2580	2580	8.75
4	84.06	118.000	3530	42.0	70.5	20.0	106.0	2120	2120	9.05
4	84.06	118.000	3510	37.0	70.5	20.0	91.0	1820	1820	9.79
4	84.06	118.000	3490	35.0	70.5	20.0	76.0	1520	1520	6.97
4	84.06	118.000	3470	32.0	70.5	20.0	62.0	1240	1240	8.08
5	66.46	118.000	3670	35.0	70.5	20.0	105.0	2100	2100	9.16
5	66.46	118.000	3650	50.0	70.5	20.0	106.0	2120	2120	7.26
5	66.46	118.000	3630	60.0	70.5	20.0	110.0	2200	2200	10.9
5	66.46	118.000	3610	62.0	70.5	20.0	109.0	2180	2180	10.08
5	66.46	118.000	3590	65.0	70.5	20.0	122.0	2440	0	3.03
5	66.46	118.000	3570	65.0	70.5	20.0	143.0	2860	0	3.53
5	66.46	118.000	3550	65.0	70.5	20.0	160.0	3200	3200	8.79
5	66.46	118.000	3530	70.0	70.5	20.0	175.0	3500	3500	10.15
5	66.46	118.000	3510	65.0	70.5	20.0	195.0	3900	0	4.98
5	66.46	118.000	3490	64.0	70.5	20.0	212.0	4240	4240	13.25
5	66.46	118.000	3470	62.0	70.5	20.0	124.0	2480	2480	7.21
6	79.03	118.000	3730	58.0	70.5	20.0	72.0	1440	1440	12.44
6	79.03	118.000	3710	55.0	70.5	20.0	81.0	1620	1620	12.9
6	79.03	118.000	3690	50.0	70.5	20.0	92.0	1840	1840	9.98
6	79.03	118.000	3650	42.0	70.5	20.0	95.0	1900	1900	6.99
6	79.03	118.000	3630	35.0	70.5	20.0	98.0	1960	0	3.3
6	79.03	118.000	3610	30.0	70.5	20.0	128.0	2560	2560	11.26
6	79.03	118.000	3590	28.0	70.5	20.0	128.0	2560	2560	11.03
6	79.03	118.000	3570	25.0	70.5	20.0	125.0	2500	0	1.51
6	79.03	118.000	3550	23.0	70.5	20.0	125.0	2500	0	1.3
6	79.03	118.000	3530	21.0	70.5	20.0	103.0	2060	2060	9
6	79.03	118.000	3510	20.0	70.5	20.0	79.0	1580	1580	8.87
6	79.03	118.000	3490	18.0	70.5	20.0	55.0	1100	0	1.92
7	66.06	118.000	3710	48.0	70.5	20.0	115.0	2300	2300	7.1
7	66.06	118.000	3690	45.0	70.5	20.0	148.0	2960	0	3.51
7	66.06	118.000	3670	40.0	70.5	20.0	180.0	3600	0	3.67
7	66.06	118.000	3650	35.0	70.5	20.0	157.0	3140	0	5.02
7	66.06	118.000	3630	30.0	70.5	20.0	158.0	3160	0	3.79
7	66.06	118.000	3610	25.0	70.5	20.0	157.0	3140	3140	11.8
7	66.06	118.000	3590	20.0	70.5	20.0	172.0	3440	3440	11.63
7	66.06	118.000	3570	10.0	70.5	20.0	111.0	2220	2220	9.54
7	66.06	118.000	3550	5.0	70.5	20.0	45.0	900	0	5.63
8	74.01	118.000	3730	20.0	70.5	20.0	135.0	2700	0	4.87

8	74.01	118.000	3710	20.0	70.5	20.0	125.0	2300	2300	10.0
8	74.01	118.000	3690	22.0	70.5	20.0	168.0	3360	3360	9.74
8	74.01	118.000	3670	25.0	70.5	20.0	142.0	2840	0	5.22
8	74.01	118.000	3650	20.0	70.5	20.0	115.0	2300	0	2.33
8	74.01	118.000	3630	15.0	70.5	20.0	88.0	1760	1760	7.53
8	74.01	118.000	3610	10.0	70.5	20.0	61.0	1220	1220	10.64
								140740	97280	
1	76.22	119.000	3490	70.5	70.5	20.0	71.0	1420	1420	10.31
1	76.22	119.000	3470	70.5	70.5	20.0	53.0	1060	1060	13.21
1	76.22	119.000	3450	70.5	70.5	20.0	34.0	680	680	14.35
2	76.13	119.000	3510	70.5	70.5	7.0	40.0	280	0	4.15
2	76.13	119.000	3490	70.5	70.5	20.0	191.0	3820	3820	10.59
2	76.13	119.000	3470	70.5	70.5	20.0	192.0	3840	3840	6.41
2	76.13	119.000	3450	70.5	70.5	20.0	191.0	3820	3820	8.3
2	76.13	119.000	3430	70.5	70.5	20.0	19.0	380	380	14.7
3	84.01	119.000	3510	70.5	70.5	17.2	129.0	2218.8	2218.8	9.74
3	84.01	119.000	3490	70.5	70.5	20.0	130.0	2600	2600	8.71
3	84.01	119.000	3470	70.5	70.5	20.0	129.0	2580	0	4.23
3	84.01	119.000	3450	70.5	70.5	20.0	129.0	2580	0	3.91
3	84.01	119.000	3430	70.5	70.5	20.0	128.0	2560	2560	8.7
4	76.14	119.000	3550	70.5	70.5	20.0	70.0	1400	1400	11.68
4	76.14	119.000	3530	70.5	70.5	20.0	145.0	2900	2900	7.92
4	76.14	119.000	3510	70.5	70.5	20.0	130.0	2600	2600	6.14
4	76.14	119.000	3490	70.5	70.5	20.0	115.0	2300	0	3.42
4	76.14	119.000	3470	70.5	70.5	20.0	98.0	1960	0	5.42
4	76.14	119.000	3450	70.5	70.5	20.0	85.0	1700	1700	6.3
4	76.14	119.000	3430	70.5	70.5	20.0	73.0	1460	1460	8.22
5	84.03	119.000	3610	70.5	70.5	20.0	56.0	1120	0	5.54
5	84.03	119.000	3590	70.5	70.5	20.0	71.0	1420	0	5.68
5	84.03	119.000	3570	70.5	70.5	20.0	86.0	1720	0	5.68
5	84.03	119.000	3550	70.5	70.5	20.0	102.0	2040	2040	6.18
5	84.03	119.000	3530	70.5	70.5	20.0	115.0	2300	0	4.06
5	84.03	119.000	3510	70.5	70.5	20.0	130.0	2600	2600	7.5
5	84.03	119.000	3490	70.5	70.5	20.0	147.0	2940	2940	10.49
5	84.03	119.000	3470	70.5	70.5	20.0	90.0	1800	1800	8.56
5	84.03	119.000	3450	70.5	70.5	9.0	40.0	360	0	4.41
6	75.09	119.000	3730	70.5	70.5	10.0	50.0	500	500	12.8
6	75.09	119.000	3710	70.5	70.5	20.0	69.0	1380	1380	10.03
6	75.09	119.000	3690	70.5	70.5	20.0	85.0	1700	1700	7.76
6	75.09	119.000	3670	70.5	70.5	20.0	104.0	2080	0	3.81
6	75.09	119.000	3650	70.5	70.5	20.0	121.0	2420	0	2.62
6	75.09	119.000	3630	70.5	70.5	20.0	137.0	2740	0	2.92
6	75.09	119.000	3610	70.5	70.5	20.0	96.0	1920	0	5.93
6	75.09	119.000	3590	70.5	70.5	20.0	96.0	1920	0	5.52
6	75.09	119.000	3570	70.5	70.5	20.0	95.0	1900	0	1.32
6	75.09	119.000	3550	70.5	70.5	20.0	94.0	1880	0	1.46
6	75.09	119.000	3530	70.5	70.5	20.0	94.0	1880	0	2.73
6	75.09	119.000	3510	70.5	70.5	20.0	95.0	1900	1900	8.81
6	75.09	119.000	3490	70.5	70.5	10.0	91.0	910	0	3.7
7	84.05	119.000	3730	70.5	70.5	20.0	60.0	1200	1200	10.04
7	84.05	119.000	3690	70.5	70.5	20.0	96.0	1920	1920	6.37
7	84.05	119.000	3670	70.5	70.5	20.0	97.0	1940	0	2.17
7	84.05	119.000	3650	70.5	70.5	20.0	98.0	1960	0	3.05
7	84.05	119.000	3630	70.5	70.5	20.0	100.0	2000	0	3.24
7	84.05	119.000	3610	70.5	70.5	20.0	101.0	2020	0	3.75
7	84.05	119.000	3590	70.5	70.5	20.0	102.0	2040	0	2.64
7	84.05	119.000	3570	70.5	70.5	20.0	104.0	2080	0	2.11
7	84.05	119.000	3550	70.5	70.5	20.0	104.0	2080	0	1.83
7	84.05	119.000	3530	70.5	70.5	16.0	104.0	1664	0	4.36
7	84.05	119.000	3510	70.5	70.5	20.0	36.0	720	720	7.46
7	84.05	119.000	3490	70.5	70.5	10.0	27.0	270	0	3.84
8	75.05	119.000	3790	70.5	70.5	0.0	0.0	0	0	2.33
8	75.05	119.000	3730	70.5	70.5	0.0	0.0	0	0	6.82
8	75.05	119.000	3710	70.5	70.5	7.0	106.0	742	742	8.66

8	75.05	119.000	3670	70.5	70.5	20.0	107.0	2140	0	3.75
8	75.05	119.000	3670	70.5	70.5	20.0	100.	2000	0	1.91
8	75.0	119.000	3650	70.5	70.5	20.0	30.0	600	0	2.83
8	75.05	119.000	3630	70.5	70.5	20.0	108.0	2160	0	5.93
8	75.05	119.000	3610	70.5	70.5	20.0	110.0	2200	2200	7.1
8	75.05	119.000	3590	70.5	70.5	20.0	110.0	2200	2200	8.1
8	75.05	119.000	3570	70.5	70.5	20.0	110.0	2200	2200	6.35
8	75.05	119.000	3550	70.5	70.5	20.0	92.0	1840	0	3
8	75.05	119.000	3530	70.5	70.5	14.0	75.0	1050	0	5.27
9	84.08	119.000	3710	70.5	70.5	5.0	100.0	500	0	2.11
9	84.08	119.000	3690	70.5	70.5	20.0	70.0	1400	0	5.38
9	84.08	119.000	3650	70.5	70.5	10.0	122.0	1220	1220	8.06
9	84.08	119.000	3630	70.5	70.5	20.0	90.0	1800	1800	8.29
9	84.08	119.000	3610	70.5	70.5	20.0	64.0	1280	1280	6.13
9	84.08	119.000	3590	70.5	70.5	20.0	26.0	520	0	4.46
9	84.08	119.000	3570	70.5	70.5	20.0	11.0	220	0	1.64

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1	66.49	120.000	3490	70.5	70.5	20.0	125.0	2500	2500	13.38
1	66.49	120.000	3470	70.5	70.5	20.0	146.0	2920	2920	11.96
1	66.49	120.000	3450	70.5	70.5	20.0	125.0	2500	2500	6.36
1	66.49	120.000	3430	70.5	70.5	20.0	108.0	2160	0	3.91
2	74.15	120.000	3530	70.5	70.5	20.0	75.0	1500	1500	11.14
2	74.15	120.000	3510	70.5	70.5	20.0	185.0	3700	3700	11.21
2	74.15	120.000	3490	70.5	70.5	20.0	192.0	3840	0	5.43
2	74.15	120.000	3470	70.5	70.5	20.0	194.0	3880	0	4.93
2	74.15	120.000	3450	70.5	70.5	20.0	196.0	3920	3920	6.51
2	74.15	120.000	3430	70.5	70.5	20.0	196.0	3920	3920	9.97
3	80.08	120.000	3530	70.5	70.5	20.0	54.0	1080	1080	9.02
3	80.08	120.000	3510	70.5	70.5	20.0	202.0	4040	0	5.07
3	80.08	120.000	3490	70.5	70.5	20.0	185.0	3700	0	3.59
3	80.08	120.000	3470	70.5	70.5	20.0	169.0	3380	0	4.01
3	80.08	120.000	3450	70.5	70.5	20.0	151.0	3020	3020	6.14
3	80.08	120.000	3430	70.5	70.5	20.0	137.0	2740	0	3.54
4	66.07	120.000	3570	70.5	70.5	20.0	88.0	1760	1760	7.99
4	66.07	120.000	3530	70.5	70.5	20.0	100.0	2000	2000	11.75
4	66.07	120.000	3510	70.5	70.5	20.0	115.0	2300	2300	15.77
4	66.07	120.000	3490	70.5	70.5	20.0	30.0	600	0	2.7
5	74.07	120.000	3750	70.5	70.5	20.0	72.0	1440	1440	10.22
5	74.07	120.000	3730	70.5	70.5	20.0	125.0	2500	2500	10.22
5	74.07	120.000	3710	70.5	70.5	20.0	115.0	2300	0	5.89
5	74.07	120.000	3690	70.5	70.5	20.0	228.0	4560	0	4.09
5	74.07	120.000	3670	70.5	70.5	20.0	191.0	3820	0	2.85
5	74.07	120.000	3650	70.5	70.5	20.0	168.0	3360	0	3.94
5	74.07	120.000	3630	70.5	70.5	20.0	232.0	4640	0	3.19
5	74.07	120.000	3610	70.5	70.5	20.0	234.0	4680	0	2.89
5	74.07	120.000	3590	70.5	70.5	20.0	234.0	4680	0	2.1
5	74.07	120.000	3570	70.5	70.5	20.0	240.0	4800	0	2.13
5	74.07	120.000	3550	70.5	70.5	20.0	160.0	3200	0	3.83
5	74.07	120.000	3530	70.5	70.5	20.0	150.0	3000	3000	9.86
5	74.07	120.000	3510	70.5	70.5	20.0	17.0	340	340	12.35

98780 38400

1	84.18	121.000	3510	70.5	18.0	20.0	64.0	1280	1280	11.04
2	76.06	121.000	3550	70.5	60.0	8.0	79.0	632	632	8.03
2	76.06	121.000	3530	70.5	40.0	20.0	134.0	2680	2680	12.98
2	76.06	121.000	3510	70.5	20.0	20.0	128.0	2560	2560	11.25
2	76.06	121.000	3490	58	0	20.0	128	2560	2560	3.58
2	76.06	121.000	3470	38	0	20.0	131	2620	2620	10.34
2	76.06	121.000	3450	20	0	20.0	132	2640	2640	4.72
2	76.06	121.000	3430	5	0	20.0	131	2620	2620	8.12
3	84.19	121.000	3550	70.5	65.0	20.0	214.0	4280	4280	10.99
3	84.19	121.000	3530	70.5	45.0	20.0	205.0	4100	4100	8.03
3	84.19	121.000	3510	70.5	25.0	20.0	149.0	2980	2980	10.8

3	84.17	121.000	3470	38	0	20.0	145	2900	2900	7.77
3	84.19	121.000	3450	20	0	20.0	145	2900	0	4.2
3	84.19	121.000	3430	5	0	20.0	145	2900	0	5.03
4	76.12	121.000	3530	70.5	50.0	20.0	54.0	1080	1080	8.28
4	76.12	121.000	3510	70.5	30.0	20.0	147.0	2940	0	1.65
4	76.12	121.000	3490	58	0	20.0	151	3020	0	3.03
4	76.12	121.000	3470	38	0	20.0	155	3100	0	3.97
4	76.12	121.000	3450	20	0	20.0	156	3120	0	5.07
4	76.12	121.000	3430	5	0	20.0	158	3160	0	4.41
5	84.20	121.000	3550	70.5	75.0	20.0	132.0	2640	2640	9.68
5	84.20	121.000	3530	70.5	60.0	20.0	200.0	4000	4000	10.11
5	84.20	121.000	3510	70.5	20.0	20.0	150.0	3000	0	5.6
6	75.03	121.000	3610	70.5	80.5	20.0	63.0	1260	1260	8.56
6	75.03	121.000	3590	70.5	80.5	20.0	75.0	1500	0	5.4
6	75.03	121.000	3570	70.5	80.5	20.0	86.0	1720	0	1.37
6	75.03	121.000	3550	70.5	80.0	20.0	101.0	2020	0	1.83
6	75.03	121.000	3530	70.5	60.0	20.0	115.0	2300	0	5.59
6	75.03	121.000	3510	70.5	0.0	10.0	103.0	1030	0	2.73
7	75.10	121.000	3650	70.5	80.5	20.0	170.0	3400	0	5.92
7	75.10	121.000	3630	70.5	80.5	20.0	159.0	3180	0	5.56
7	75.10	121.000	3610	70.5	80.5	20.0	151.0	3020	0	4.68
7	75.10	121.000	3590	70.5	75.0	20.0	70.0	1400	0	2.47
7	75.10	121.000	3570	70.5	65.0	20.0	51.0	1020	0	3.1
7	75.10	121.000	3550	70.5	65.0	20.0	34.0	680	0	4.73
8	84.21	121.000	3770	70.5	80.5	20.0	30.0	600	0	.38
99		121.000	3750	70.5	80.5	20.0	73.0	1460	0	3.7
99		121.000	3730	70.5	80.5	20.0	134.0	2680	0	3.7
99		121.000	3710	70.5	80.5	20.0	160.0	3200	0	3.7
99		121.000	3690	70.5	80.5	20.0	190.0	3800	0	3.7
99		121.000	3670	70.5	80.5	20.0	181.0	3620	0	3.7

104562

35632

-2560

-2620

-2620

-2620

-2640

-2900

-2620

-2960

-2900

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82462

27462

-3020

-3100

-3120

-3160

70062

on and
← above 3510